SBR No. 260/13-14
ದಿನಾಂಕ: 31/1/14

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. ***First & Final*** (For Other Works) Date……2014

Division: **BBMP, Byataranyanapura** Sub-Division: **BBMP, Vidyaranyapura**

Bill Received No. Dated Divisional Cash Book Voucher No…….. Dated……..
Sub Divisional **Work Code: 010-13-000028**

Schedule Docket No. Head of Account: **Est.Cost: 50.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate: **Construction of Ward Office Building in Ward No. 10, (Doddabommasandra) Vidyaranyapura Sub Division (Phase – 2).**

Name of Contractor and Full Address: ***M/s. Balaji Construction, # 2, Sree Balaji Nilaya, Railway Gate, Virupakshapura, Vidyaranyapura (Post), Bangalore - 97.***

Reference to Agreement No. **EE/BTP/BBMP/E-PMT/(8144)/WO/162/2013-14** **Dated: 06.11.2013**

Certified that the measurements were taken by me on 31/1/2014 and recorded of **Pages** 189775 to 189779 of measurement Book No. 1898 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on ……and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

II Memorandum of Payment

1) Total value of work done or supplies made as per account within	
2) Deduct amount to be held in reserve being ……percent Rs……	
3) " Balance	
4) Deduct Payment:	
a. Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No…… adjusted towards cash advance recovery of	Amount 52,43,612=00
b. Payments Now made } cost store or other material supplied.	IT 104872=00
recovery of amount creditable to this/other work	KST 209744=00
Amount paid on this bill Cheque / Cash.	FSD 340835=00
	Lwc 52436=00
	CPT 52444=00
	Roy 18350=00
	2000=00
5) Balance being unpaid value of work done held in reserve.	
6) Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	
7) Net amount due to or from Contractor unadjustments items.	
8) Advance to Contractor for materials brought to site (as detailed) within.	
9) Value of Government materials supplied.	Total ded 733481=00
Total amount adjusted -	
By Cheque	45,10,131=00

Contractor's Signature

Received Rs…….. (in words)……
……
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) 52,43,612=00 (For use in the Office)
733481=00

Witness
1.
2.

Stamp

Dated Signature of Contractor
Paid by me by Cheque No……Dated……
45,10,131=00
Cash Rs……..
Dated……

Initials of Officer making payment **Executive Engineer**

Sl. No.		Unit	Previous M Qty.
1	Providing and removing centering, shuttering, strutting, propping etc., for **columns**, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	-
2	1st Floor		-
3	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, **roofs,** landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	-
4	1st Floor		-
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of **beams**, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	-
6	1st Floor		-
7	Providing and removing centering, shuttering, strutting, propping etc., for **chajjas,** corbels etc., including edges including cost of all materials, labour etc complete as per specifications and directions of engineer in charge of the work.	Sqm	-
8	1st Floor		-
9	Providing and laying in position **reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size** graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastisiser @ 3 lts confirming to IS 9103-1999 reaffirmed-2008 , machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work.	Cum	-
10	1st Floor		-
11	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of **class designation 50 (table moulded) with cement mortar 1:6 for basement and superstructure** including cost of materials, labour charges, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work.	Cum	-
12	1st Floor		-
13	Providing mild steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery etc complete as per specifications and directions of engineer in charge of the work.	Qtl	-
14	Providing and laying in position reinforced cement concrete ofmix M20 with OPC cement @ 24kgs, with 12 mm and down size graded granite metal coarse aggregates @ 0.5175 cum and fine aggregates @ 0.345 cum with superplastisiser @ 0.225lts,machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, etc complete as per specifications and directions of engineer in charge of the work.	Sqm	-
15	1st Floor		-
16	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc, consisting of following application. (a) Applying and grouting a slurry coat of neat cement using 2.75kg/sqm conforming admixed with proprietary water proofing compound conforming to IS:2645 over the RCC slab after cleaning the surface before treatment, (b) laying cement concrete using broken brick bats 25mm to 100mm size with 50% of cement mortar 1:5 admixed with proprietary water proofing compound conforming IS:2645 over 20mm thick layer of cement layer of cement mortar 1:5 admixed with proprietary water proofing compound to required slope and treating similarly the adjoining walls upto 300mm height including rounding off junction of walls and slabs, (c) after two days of proper curing, applying a second	Sqm	-
17	Providing **Honne wood frames of doors,** windows, clerestory windows, ventilators, and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work.	Cum	-
18	1st Floor		-
19	Providing and fixing in position fully **panelled Honne wood shutters for doors**, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures).etc complete as per specifications and directions of engineer in charge of the work.	Sqm	-
20	1st Floor		-

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Sqm	-	-	87.04	347.22	30222.03	87.04	30222.03	
	-	-	87.04	350.56	30512.74	87.04	30512.74	
Sqm	-	-	236.96	298.26	70675.69	236.96	70675.69	
	-	-	236.96	301.59	71464.77	236.96	71464.77	
Sqm	-	-	186.90	251.51	47007.22	186.90	47007.22	
	-	-	186.90	254.85	47631.47	186.90	47631.47	
Sqm	-	-	6.12	254.85	1559.68	6.12	1559.68	
	-	-	6.12	258.19	1580.12	6.12	1580.12	
Cum	-	-	54.41	5811.85	316222.76	54.41	316222.76	
	-	-	57.58	5867.18	337832.22		337832.22	
Cum	-	-	59.37	6078.63	360888.26		360888.26	
	-	-	59.37	6078.63	360888.26		360888.26	
Qtl	-	-	140.92	8133.03	1146106.59		1146106.59	
Sqm	-	-	5.85	426.24	2493.50		2493.50	
	-	-	5.85	429.58	2513.04		2513.04	
Sqm	-	-	490.84	817.98	401497.30		401497.30	
Cum	-	-	0.97	110718.49	107396.94		107396.94	
	-	-	0.97	110721.27	107399.63		107399.63	
Sqm	-	-	19.53	4726.46	92307.76		92307.76	
	-	-	19.53	4732.03	92416.55		92416.55	

Sl. No.	
21	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S.square rods, or combination of M.S. flats and square rods as per approved design, drawning including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery etc complete as per specifications and directions of engineer in charge of the work.
22	1st Floor
23	Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick bottom section weighing 0.695 Kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg/m, shutter outer side 40mmx18mm, 1.25mm, thick, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc ; and providing and fixing 5.5mm, thick plain glass for shutters fitted with rubber beading aluminium section anodised 12 to 15 microns
24	1st Floor
25	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding of corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.
26	1st Floor
27	Providing 20mm thick cement plaster in single coat with cement mortar 1:4, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.
28	1st Floor
29	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.
30	1st Floor
31	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding of corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work.
32	1st Floor
33	Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work.
34	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. **with Primer** etc complete as per specifications and directions of engineer in charge of the work.
35	1st Floor
36	Providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specifications **with Primer** complete as per specifications and directions of engineer in charge of the work.
37	1st Floor
38	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work.
39	1st Floor
40	Providing colour glazed tiles of size 10mm thick for flooring, treads of steps and landing, laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing using white cement with matching colour pigment, including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work.
41	1st Floor
42	Providing skirting, dado, rises of steps with Colour glazed tiles 15x15cms 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface white should be measured and paid separateiy) using glazed tiles of approved make and size of materials, labour, etc complete as per specifications and directions of engineer in charge of the work.
43	1st Floor

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Kgs	-	-	336.42	100.16	33695.83		33695.83	
	-	-	213.57	100.16	21391.17		21391.17	
Sqm	-	-	10.17	3912.94	39794.60		39794.60	
	-	-	10.17	3918.50	39851.15		39851.15	
Sqm	-	-	210.06	171.39	36002.18		36002.18	
	-	-	210.06	174.72	36701.68		36701.68	
Sqm	-	-	494.07	209.22	103369.33		103369.33	
	-	-	494.07	212.56	105019.52		105019.52	
Sqm	-	-	704.13	20.03	14103.72		14103.72	
	-	-	704.13	23.37	16455.52		16455.52	
Sqm	-	-	202.00	196.98	39789.96		39789.96	
	-	-	202.00	200.32	40464.64		40464.64	
Cum	-	-	21.55	4421.53	95283.97		95283.97	
Sqm	-	-	704.13	83.47	58773.73		58773.73	
	-	-	704.13	84.58	59555.32		59555.32	
Cum	-	-	202.00	82.35	16634.70		16634.70	
	-	-	202.00	83.47	16860.94		16860.94	
Sqm	-	-	39.06	82.35	3216.59		3216.59	
	-	-	39.06	83.47	3260.34		3260.34	
Sqm	-	-	7.46	927.04	6915.72		6915.72	
	-	-	7.46	928.71	6928.18		6928.18	
Sqm	-	-	31.92	972.67	31047.63		31047.63	
	-	-	31.92	974.34	31100.93		31100.93	

Sl. No.	
44	Providing and fixing white vitreous china clay, water closet European type (Pedestal Type) with black solid p seat and lid, C. P. brass hinges, rubber buffers. 10 litre low level, P.V.C. flushing cistern (all are approved m with fittings, C.I. / M.S. brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting making good the wall and floor wherever required, including cost of materials, labours etc complete as specifications and directions of engineer in charge of the work.
45	Providing and fixing white vitreous china clay, flat back wash basin of size 630x450mm with pair of 15mm brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting brackets ,cutting and making good the wall and floor wherever required, including cost of materials, labou complete as per specifications and directions of engineer in charge of the work.
46	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having thermal sta for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe clamp at 1.00 mtr spacing, this including jointing of pipes and fittings with one step CPVC solvent cement testing of joints complete(internal work exposed on wall), **2025 (25 mmOD) pipe** etc complete as specifications and directions of engineer in charge of the work.
47	Providing and fixing chlorinated poly veny chloride (CPVC) pipes conforming to IS 15778, having thermal sta for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe clamp at 1.00 mtr spacing, this including jointing of pipes and fittings with one step CPVC solvent cement testing of joints complete(internal work exposed on wall), **2532 (32 mmOD) pipe** etc complete as specifications and directions of engineer in charge of the work.
48	Providing and fixing in position brass stop cock of approved quality **20mm** nominal bore including cost materials, labour and HOM of equipments with all leads etc complete as per specifications and directio engineer in charge of the work.
49	Providing and fixing in position brass bib cock of approved quality **20mm** nominal bore including cost materials, labour and HOM of equipments with all leads etc complete as per specifications and directio engineer in charge of the work.
50	Providing and fixing sand cast iron soil waste and vent pipes 100mm dia with spun yarn soaked in cement and cement mortar 1:2 including cost of materials, labour etc complete as per specifications and directio engineer in charge of the work.
51	Providing and fixing sand cast iron soil waste bends 100mm dia with access door, insertion of rubber wa 3mm thick bolts and nut, with spun yarn soaked in cement Slurry and cement mortar 1:2 including c materials, labour, testing etc complete as per specifications and directions of engineer in charge of the work.
52	Providing and fixing M.S. stays and clamps for sand cast iron pipes of 75mm dia including cost of materials, etc complete as per specifications and directions of engineer in charge of the work.
53	Providing and fixing CI Nahani Trap of approved make conforming to ISI specifications and construction of in CC 1:2:4 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of mater work spot). 12.5 cms x 7.5 cms, etc complete as per specifications and directions of engineer in charge work.
54	Making connection of drain or sewer line of size 100 to 230mm external dia with existing manhole inc breaking into and making good the walls, floors with cement concrete 1:2:4 mix 20mm and downsize granite cement plastered on both sides of mix 1:3 finished with a floating coat of heat cement, and making nece channels for the drain, including cost of materials, labour charges curing etc complete as per specification directions of engineer in charge of the work.
55	Providing and placing on terrace. Polyethylene water storage tanks with manhole lid and suitable l arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost materials, labour, transport charges, HOM of equipments and testing complete as per specifications. **(For litre capacity)** etc complete as per specifications and directions of engineer in charge of the work.
56	Providing and laying in position to required level or slope 250mm internal diameter salt glazed stoneware grade A and jointing with stiff mixture of cement mortar in proportion of 1:1, testing of pipes and joints, inc cost of materials, labour charges etc complete as per specifications and directions of engineer in charge work.
57	Hinges heavy Duty 5"
58	Door Lock
59	MS Clamps
60	Tower Bolt 300mm long
61	Handle (powder Coated) 150mm
62	Brass Screws 25mm
63	Hinges heavy Duty 5"
64	MS Clamps
65	Brass Screws 25mm
66	Bottom lock nails

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Each	-	-	8	5405.33	43242.64		43242.64	
Unit	-	-	6	3961.90	23771.40		23771.40	
M	-	-	100	378.38	37838.00		37838.00	
M	-	-	50.00	489.67	24483.50		24483.50	
Each	-	-	30	178.06	5341.80		5341.80	
Each	-	-	25	268.21	6705.25		6705.25	
m	-	-	48.00	766.78	36805.44		36805.44	
Each	-	-	20	565.35	11307.00		11307.00	
No	-	-	20	183.63	3672.60		3672.60	
Each	-	-	20	317.17	6343.40		6343.40	
nos	-	-	6	1446.76	8680.56		8680.56	
Nos	-	-	2	9272.63	18545.26		18545.26	
m	-	-	36.00	586.50	21114.00		21114.00	
Rmtr	-	-	36.00	47.25	1701.00		1701.00	
Rmtr	-	-	8.00	367.47	2939.76		2939.76	
Rmtr	-	-	20.00	31.50	630.00		630.00	
Rmtr	-	-	100.00	90.29	9029.00		9029.00	
No.	-	-	12	52.50	630.00		630.00	
No.	-	-	50	4.20	210.00		210.00	
No	-	-	48	36.75	1764.00		1764.00	
Rmtr	-	-	20	31.50	630.00		630.00	
Mtr	-	-	50.00	4.20	210.00		210.00	
	-	-	40.00	43.05	1722.00		1722.00	

Sl. No.	
67	Center Pulley
68	Groove Cutting : Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junc boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick leve run with 18 SWG GI fish wire run through out the conduit wherever necessary etc complete as per specifica and directions of engineer in charge of the work. 19/20 mm dia 2mm thick
69	25 mm dia 2mm thick
70	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood due groove cutting necessary masonry patch work complete. etc complete as per specifications and directio engineer in charge of the work. 10"X7"X3" (300X228X76mm)
71	8"X6"X3" (300X228X76mm)
72	Supplying and fixing PVC/metal conduit accessories special type Junction Box etc complete as per specifica and directions of engineer in charge of the work. 32 mm Junction Box
73	Deep 32 mm Junction Box
74	Fan Box 18 /SWG
75	Point Wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Co casing caping using Copper PVC insulated multi strand 2x1.5 Sqmm copper wire with a 6 Amps flush typ control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be term with sufficient loose length in a wood PVC round block complete for each outlet etc complete as per specifica and directions of engineer in charge of the work. Point Wiring using Class A Materials a) Short point upto from tapping point to out let via switch
76	b) Medium point above 3mtr upto 6mtr from tapping point to out let via switch
77	C) Long point above 6mtrs upto 10mtrs from tapping point to outlet via switch
78	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket existing modular switch plate etc complete as per specifications and directions of engineer in charge of the w 3 Way
79	4-5Way
80	6Way
81	8 Way
82	10-12Way
83	Supplying and fixing superior quality modula switch mounting polyorbonate plate with cecessary supporting plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC bo complete as per specifications and directions of engineer in charge of the work. 1 to 3 Modular
84	4 Modular
85	6 Modular
86	8 Modular
87	12 Modular
88	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket existing modular switch plate etc complete as per specifications and directions of engineer in charge of the 6Amps one way.
89	6Amps 3way Socket.
90	Stepped Fan Regulator
91	16 Amps one way switch
92	6Amps Bell push
93	6/16 Amps univesla Socket
94	TV / Telephone Socket
95	Rj45/IO Oulet
96	Wiring for lighting power curcuit using one of PVC insluated 1100v grade multistrand copper conductor singl cable in open or concealed system of wiring etc complete as per specifications and directions of engine charge of the work. 1.5 Sqmm
97	2.5 Sqmm
98	4 Sqmm
99	6 Sqmm
100	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 lamps etc complete as per specifications and directions of engineer in charge of the work.
101	Extra for supplying 4mm thick white plastic plate and convering for juncrtion boxese or size 80mm conduit necessary machine screws etc complete as per specifications and directions of engineer in charge of the wor

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
No	-	-	8	78.74	629.92		629.92	
Mtrs	-	-	250	45.15	11287.50		11287.50	
Mtr	-	-	150.00	55.64	8346.00		8346.00	
Each	-	-	6.00	71.39	428.34		428.34	
No.	-	-	6	54.59	327.54		327.54	
Each	-	-	30	30.45	913.50		913.50	
No	-	-	45	34.65	1559.25		1559.25	
No	-	-	45	59.84	2692.80		2692.80	
Each	-	-	6	183.73	1102.38		1102.38	
Sq.Cm	-	-	20.00	272.97	5459.40		5459.40	
No.	-	-	30	386.36	11590.80		11590.80	
Each	-	-	16	94.49	1511.84		1511.84	
	-	-	4	104.99	419.96		419.96	
	-	-	10	183.73	1837.30		1837.30	
	-	-	5	204.73	1023.65		1023.65	
	-	-	5	220.48	1102.40		1102.40	
Each	-	-	16	86.09	1377.44		1377.44	
	-	-	4	104.99	419.96		419.96	
	-	-	10	131.24	1312.40		1312.40	
	-	-	5	183.73	918.65		918.65	
	-	-	5	241.48	1207.40		1207.40	
Each	-	-	180	100.79	18142.20		18142.20	
	-	-	60	173.23	10393.80		10393.80	
	-	-	20	556.45	11129.00		11129.00	
	-	-	20	138.59	2771.80		2771.80	
	-	-	2	120.74	241.48		241.48	
	-	-	20	215.23	4304.60		4304.60	
	-	-	8	120.74	965.92		965.92	
	-	-	8	551.20	4409.60		4409.60	
Mtrs	-	-	200	157.49	31498.00		31498.00	
	-	-	3000	26.25	78750.00		78750.00	
	-	-	2000	33.60	67200.00		67200.00	
	-	-	1000	54.39	54390.00		54390.00	
No	-	-	40	62.99	2519.60		2519.60	
No	-	-	20	6.80	136.00		136.00	

Sl. No.	
102	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulatoirs etc and fixing on existi wooden or metal box using NF screws etc complete as per specifications and directions of engineer in charge the work.
103	Supply patty type fluorescent tube light fitting of 4' - 36/40 watts fluorescent tube fitting, made out of M.S. Sh and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking, lock type brass contact holder mounted on double fold type sheet base fully wired for used on 230 Volts A C Sup including fluouresecent tube etc complete as per specifications and directions of engineer in charge of the wo Group 'A'
104	Supplying of Incandescent lamps etc complete as per specifications and directions of engineer in charge of work. B.C. 100Watts
105	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 2 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing syst Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard Regular Model
106	Supplying wall mounting fan suitable to operat
107	Supplying and fixing superior quality modula switch mounting polyorbonate plate with ncecessary supporting ba plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box complete as per specifications and directions of engineer in charge of the work. 1 to 3 Modular
108	8 Modular
109	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc existing modular switch plate etc complete as per specifications and directions of engineer in charge of the wo 6Amps one way.
110	6Amps 3way Socket.
111	Supplying and fixing 32Amps security and energy savings DP switch with key tag suitable to operate on 230 V 50Hz AC supply & completely wired on existing box etc complete as per specifications and directions of engin in charge of the work.
112	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 V lamps etc complete as per specifications and directions of engineer in charge of the work.
113	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fix materials and wiring complete as required 5-32 Amps etc complete as per specifications and directions engineer in charge of the work.
114	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks ma out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws complete as per specifications and directions of engineer in charge of the work. 20"x20"x2.5"
115	Supplying and fixing of porcelain fuse channel with cut out on existing wooden /panel using necessary nuts, bo and washers etc complete as per specifications and directions of engineer in charge of the work. 32 Amps
116	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel armoured cable with PVC outer sheathing 1.1 KV class etc complete as per specifications and directions engineer in charge of the work.
117	Labour charges for laying of 1.1 K.V class UG cable etc complete as per specifications and directions of engin in charge of the work.
118	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidati etc complete as per specifications and directions of engineer in charge of the work. For Cutting Road Surface
119	For Cutting of Road Surface
120	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/dr crossing with necessary clamping arrangements for UG cable of 1.1 KV class etc complete as per specificatio and directions of engineer in charge of the work. 40mm dia GI pipe
121	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessa bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc complete as p specifications and directions of engineer in charge of the work. 16Sqmm
122	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the ma board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equ propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to t conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm d
123	Supplying and drawing UTP-CAT -E LAN calve etc complete as per specifications and directions of engineer charge of the work.
124	1HP Submercible centrifugal force pump of approved make with all necessary fittings including wiring switc board, starter etc., and Electronic Automatic Equipment (Programmable Logic Control) etc complete as p specifications and directions of engineer in charge of the work.
	To

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Jadhav
AE

Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
	Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
Sqc m	-	-	5000	0.23	1150.00		1150.00	
Each	-	-	48	708.68	34016.64		34016.64	
Each	-	-	20	14.70	294.00		294.00	
Each	-	-	20	1889.82	37796.40		37796.40	
	-	-	8	2519.76	20158.08		20158.08	
Each	-	-	8	86.09	688.72		688.72	
	-	-	16	183.73	2939.68		2939.68	
Each	-	-	8	100.79	806.32		806.32	
	-	-	6	173.23	1039.38		1039.38	
Each	-	-	2	661.44	1322.88		1322.88	
No	-	-	1	62.99	62.99		62.99	
Each	-	-	1	587.94	587.94		587.94	
Each	-	-	1	299.22	299.22		299.22	
Each	-	-	2	104.99	209.98		209.98	
Mtr	-	-	50.00	225.73	11286.50		11286.50	
Mtr	-	-	50.00	11.55	577.50		577.50	
Mtr	-	-	40.00	42.00	1680.00		1680.00	
	-	-	10.00	62.99	629.90		629.90	
Mtr	-	-	10.00	251.98	2519.80		2519.80	
No.	-	-	1	300.27	300.27		300.27	
No	-	-	2	3149.70	6299.40		6299.40	
Nos	-	-	230	36.75	8452.50		8452.50	
LRQ	-	-	1	18898.20	18898.20		18898.20	
					5246487.22		**5246487.22**	

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ಪಲಯ,
ಬ. ಬೆಂ. ಮ. ಪಾ. ಬೆಂಗಳೂರು-೦೨